

# Converting Colors

Hex(5BB26C)

Have a look what the booklet for  
Hex(5BB26C) contains.

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**Color**

**Hex(5BB26C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB26C
RGB	91, 178, 108
RGB Percent	36%, 70%, 42%
CMY	0.6431, 0.3020, 0.5765
CMYK	0.49, 0.00, 0.39, 0.30
HSL	132°, 36%, 53%
HSV	132°, 49%, 70%
XYZ	22.9416, 35.1476, 19.7624
YIQ	144.0070, -29.3820, -40.2140

# Conversions

## Conversions Part 2

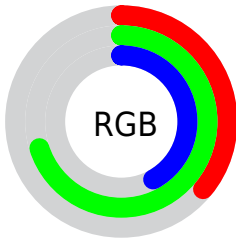
Format	Color
<a href="#">RYB</a>	<a href="#">91, 164, 178</a>
Decimal	<a href="#">6009452</a>
CIELab	<a href="#">65.86, -41.55, 27.91</a>
CIELCh	<a href="#">66, 50.048, 146.111</a>
Yxy	<a href="#">35.1476, 0.2947, 0.4515</a>
Android (android.graphics.Color)	<a href="#">4284199532 (0xFF5BB26C)</a>
YUV	<a href="#">144.0070, -17.7515, -46.4871</a>
Hunter-Lab	<a href="#">59.2854, -34.6758, 21.7359</a>

# Details

The Hex color **5BB26C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B25BA1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **92EAA0**, and **207C3B** is the 20% darker color. If you saturate the color by 10%, you get **49B25E**, and if you desaturate by 10%, it is **6DB27A**.

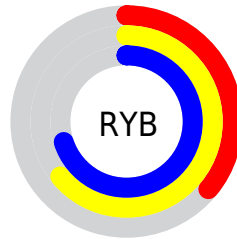
# Distribution



Red (36%)

Green (70%)

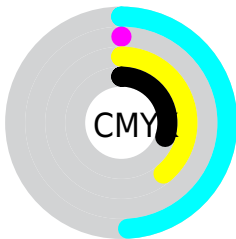
Blue (42%)



Red (36%)

Yellow (64%)

Blue (70%)

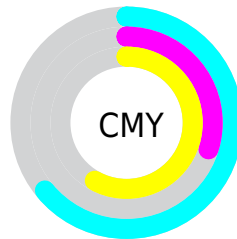


Cyan (49%)

Magenta (0%)

Yellow (39%)

Black (30%)



Cyan (64%)

Magenta (30%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BB26C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5BB26C by changing the saturation by 10% instead.



 5BB26C

 5BB26C


FFFFFF

 3F9753

 92EAA0

 207C3B

 AEFBB

 006324

 CBFFD7

 004A0D

 E8FFF4

 003300

 001D00

 000000

 5BB26C

 5BB26C

 49B25E

 6DB27A

 37B24F

 7FB289

 26B241

 90B297

 14B233

 A2B2A5

 02B224

 B4B2B4

 00B223

 C6B2C2

 D8B2D0

 E9B2DF

 FBB2ED

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93A94C



5BB26C



00B698

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5BB26C



37A7F9



F37D7B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5BB26C



B25BA1

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EF7AA8



5BB26C



9997F1

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5BB26C



00B1EA



D285D3



E18B56

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5BB26C



00B7B7



D285D3



F47A89



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5BB26C



C5E8CC



A2B25B



607564



F5F5F5



757575



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5BB26C



5FE87A



5BB296



505952



00991E



001A05



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B25BA1



E85FCD



B25B77



595058



99007B



1A0015



# Previews

## White Background



This preview shows how the Hex color 5BB26C looks on a white background.

## Color Contrast Check

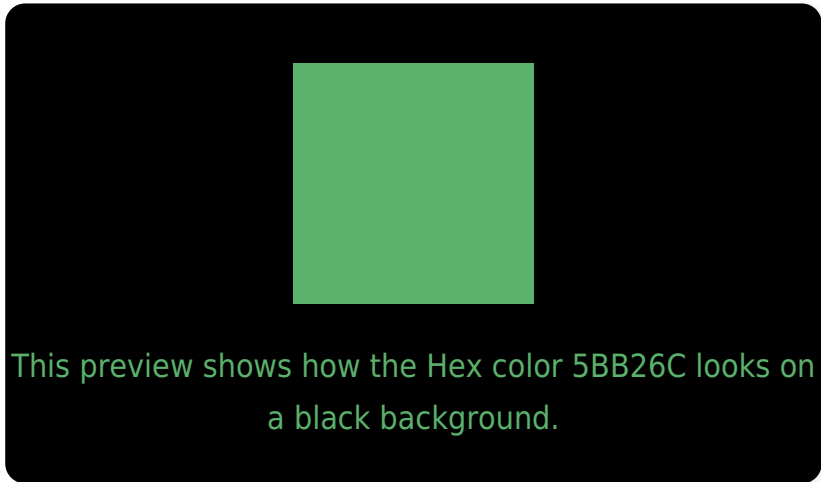
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BB26C Background



This preview shows how black text looks on a background with the Hex color 5BB26C.

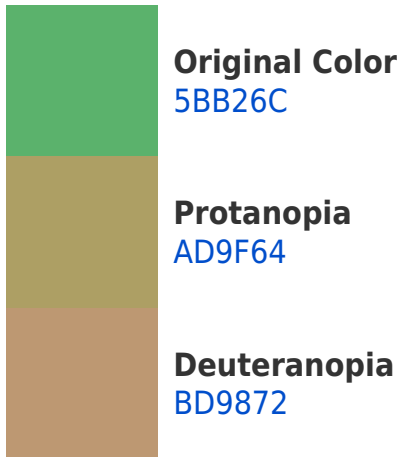


This preview shows how white text looks on a background with the Hex color 5BB26C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

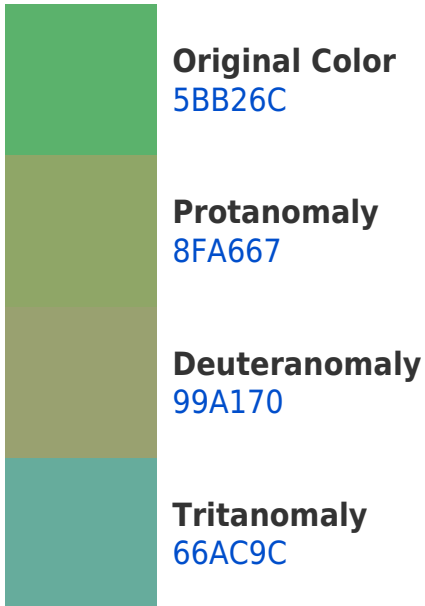
## Dichromacy



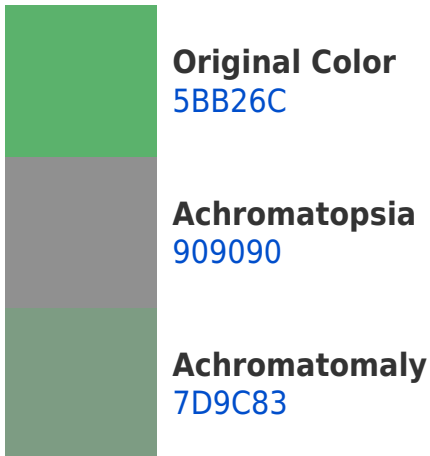


**Tritanopia**  
6CA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BB26C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5BB26C looks like.

```
.text, #text, p{  
    color:#5BB26C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5BB26C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB26C
}
```

## Border

The CSS property to change the border of an element to Hex 5BB26C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5BB26C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5BB26C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5BB26C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB26C; -webkit-box-shadow:4px 4px  
4px 4px #5BB26C; box-shadow:4px 4px 4px  
4px #5BB26C }
```

# Background

The CSS property to change the background color of an element to Hex 5BB26C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB26C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5BB26C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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